

Community Update

March 2021

Public participation is essential to the success of EPA's community involvement program. If you have any questions, please contact:

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For more information on the site, visit:
www.epa.gov/superfund/peninsula-groundwater

Current and Upcoming Activities

The U.S. Environmental Protection Agency (EPA) is continuing fieldwork in Hewlett, New York, for a portion of the Peninsula Boulevard Groundwater Plume Superfund site. Beginning the week of March 22, EPA will set up temporary operations in the front parking lot of the strip mall at the intersection of Broadway and Piermont Avenue. The work zones include a drill rig and a support truck that is expected to temporarily limit access to portions of the area for approximately one week. In January 2021, soil samples were collected from two locations in this area. Based on the soil sampling results from the two locations, additional groundwater data is needed to characterize the extent of contamination in this area.

EPA is addressing the sources of groundwater contamination by collecting soil and groundwater samples from approximately 24 borings at the site. Most of the targeted borings have already been drilled and sampled, and EPA is continuing with the final group

of borings within the coming weeks. It is anticipated that this field work will be completed by May. The data collected from this sampling work will be used to design the cleanup of the sources of contamination at the site. The treatment calls for a combination of (a) in-situ, or in place, treatment of contaminated soil and groundwater through anaerobic bioremediation, and (b) heating of contaminated soil and groundwater using a technique called Electric Resistivity Heating (ERH) to quickly breakdown the contaminants.

The Town of Hempstead is providing EPA with access to the municipal parking lot on Mill Road near West Broadway to stage and store equipment necessary to support the field activities, including an office trailer, the drill rig, support vehicles, and containers. Temporary fencing was installed to secure the equipment. Personal protective equipment and wastes from drilling operations are being placed in drums for short-term storage in a separate, secure staging area prior to proper disposal.

Past Activities

In September 2011, EPA selected a remedy consisting of groundwater extraction and treatment, as well as limited bioremediation, to address the groundwater contamination at the site. Because the source of the groundwater contamination was not found during the remedial investigation, EPA conducted a subsequent study between February 2012 and July 2016, which identified and defined the sources of contamination. In September 2017, EPA selected a second remedy to address these source areas.

Site Background

The Peninsula Boulevard Groundwater Plume Superfund site consists of the area within and around a tetrachloroethylene (PCE, or perc) groundwater plume in Hewlett, New York. EPA placed the Peninsula Boulevard Groundwater Plume site on the National Priorities List in July 2004.

EPA appreciates your patience and cooperation during the ongoing field activities.

